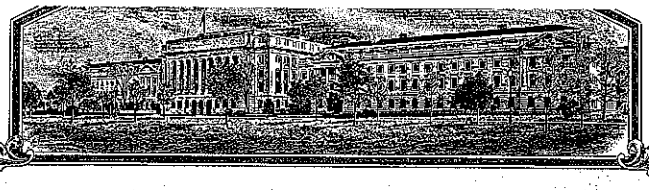
No. 9800346



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Texas Agricultural Experiment Station

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Lockett'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this twenty-third day of March, in the year of our Lord two thousand one.

Attest:

Alan R. Post

Acting Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions.*

FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Texas Agricultural Experiment Station

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
TX91V4511

3. VARIETY NAME
Lockett

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
Office of the Director
110 Administration Building
College Station, TX 77843-2147

6. TELEPHONE *(include area code)*
409/847-9325

6. FAX *(include area code)*
409/845-9938

FOR OFFICIAL USE ONLY

PVPO NUMBER
9800346

FILING DATE
07/27/1998

7. GENUS AND SPECIES NAME
Triticum aestivum

8. FAMILY NAME *(Botanical)*
Graminae

9. CROP KIND NAME *(Common name)*
Wheat

FEES RECEIVED
FILING AND EXAMINATION FEE: $ 2450.00
DATE 7/27/98
CERTIFICATION FEE: $ 320.00
DATE 3-7-01

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)* *(Common name)*
Official Public Agricultural Research Agency of the State of Texas

11. IF INCORPORATED, GIVE STATE OF INCORPORATION

12. DATE OF INCORPORATION

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Technology Licensing Manager JUAN C. CONSUEGRA 3/29/01
Agriculture/Life Sciences
310 Wisenbaker
College Station, TX 77843-3369

14. TELEPHONE *(include area code)*
409/847-8682

15. FAX *(include area code)*
409/845-1402

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instructions on reverse)*

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of the Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☒ Filing and Examination Fee ($2,460), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*
☒ YES *(If "yes," answer items 18 and 19 below)* ☐ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☒ YES ☐ NO

18. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☒ FOUNDATION ☒ REGISTERED ☒ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☐ YES *(If "yes," give names of countries and dates)* ☒ NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
NAME *(Please print or type)* G. Dewey Liccioni		NAME *(Please print or type)*	
CAPACITY OR TITLE Assistant Vice Chancellor	DATE 21 July 98	CAPACITY OR TITLE	DATE

STD-470 (03-96) *(Previous editions are to be destroyed)*

(See reverse for instructions and information collection burden statement)

Exhibit A. Origin and Breeding History of Lockett Wheat

Year/Years	Location	Activity/Disposition of Seed
1984	Vernon, Tx	Cross X84V045 made between parents TX86V1540 (pedigree TAM-105/Unknown pollen parent) and TX78V2430-4 (pedigree: Short Wheat/Scout Composite//Fox). Cross was made in the greenhouse using hand emasculation and pollenation.
1985-1988	Chillicothe, TX	Population X84045 was carried as an unselected bulk. The population was retained in the breeding nurseries because it contained a high proportion of awnless and awnletted plants.
1989	Chillicothe, Tx	100 individual spikes were randomly selected from awnless and awnletted plants in the F5 population.
1990	Chillicothe, Tx	Headrow number 99-3 was selected from the 100-headrow population based upon its awnletted character , its resistance to leaf rust and its hard, red vitreous seed.
1991	Chillicothe, Tx	The selected F6 headrow was numbered TX91V4511 and was entered in the Preliminary 8 Yield Test. The line was advanced based on its grain yield performance, its late maturity compared to standard variety checks, its awnless spike characteristic and its hard red seed quality.
1992-1994	Various locations In Texas	TX91V4511 was entered in advanced and elite performance tests throughout Texas. It was Continued in the program because its grain yield Performance was good, it had good milling and Baking properties, it retained its high degree of Resistance to leaf rust, it was awnletted and it Produced large amounts of forage in clipping and Defoliation tests.
1995	Lockett, Tx	3,000 individual spikes were randomly selected from line TX91V4511 for purification purposes and planted as headrows.

1996	Chillicothe, Tx	Headrows which were uniform in maturity, plant height, reaction to leaf rust, spike and spikelet characteristics were harvested and fall-planted in breeder purification plots.
1997	Lockett, Tx	Seed from breeder purification plots was bulked and planted as breeder seed increase. The increased released to the Texas Foundation Seed Service for further increase.

Uniformity and Stability:
Lockett wheat has bred true through 10 generations of performance testing and seed increase. It has not segregated for any measurable characteristics during this period.

Type and Frequency of Variants:
No variants have been observed in Lockett wheat while it was in performance tests or during its purification and seed increase leading up to its release to the Texas Foundation Seed Service.

Exhibit B. Statement of Distinctness:

Lockett is similar to TAM-105. Lockett wheat has bronze chaff color similar to it parent TAM-105. Lockett is dissimilar from TAM-105 in its resistance to leaf rust and its ability to produce large amounts of vegetation. Also, TAM-105 is awned whereas Lockett is awnletted. Lockett wheat also exceeds other prominent hard red winter wheat currently grown commercially in the southern Great Plains in its ability to produce forage during vegetative growth stages. Analyses of total leaf area from repeated defoliations under controlled environments showed that Lockett wheat rapidly established juvenile leaf area and recovered from defoliation better than the cultivars Ogallala, TAM-200 and TAM-202. Analysis of the regression of leaf area over time statistically proved this difference. Further evidence of increased forage production is evidenced in Table 1 in which forage was hand-clipped from research plots for several different varieties at two locations in Texas in 1994-95.

Table 1. Dry matter production of Lockett wheat from two dates of clipping at Chillicothe and Munday, Texas during 1994-95

Pounds/Acre Oven Dry Forage						
	Chillicothe			**Munday**		
Cultivar	12/5/94	3/22/95	**Total**	2/23/95	4/14/95	**Total**
Lockett	1423	2114	3537	436	2652	3088
Tam-109	1316	1605	2929	677	2275	2952
TAM W-101	1018	1473	2491	354	2449	2803
TAM-202	887	2000	2887	561	2387	2948
LONGHORN	779	1724	2503	615	2460	3075
LSD.05	762	502		505	751	

Additional supportive data on the performance of Lockett wheat relative to standard check cultivars is contained in the attached Tables 2 and 3.

Table 2. Grain yield (bu/a) of TX91V4511 and selected cultivars in the 1995 and 1996 Uniform West Texas Elite Yield Trial.

Cultivar	Bushland-Irrigated			1996			
	1995	1996	2-Year $\bar{x}$	Chillicothe	Lockett	Munday	3-Location $\bar{x}$
TX91V4511	90.9	74.6	82.8	52.3	43.9	35.5	43.9
TAM-200	94.9	83.4	89.2	45.9	59.6	38.0	47.8
TAM-109	86.8	77.5	82.2	43.8	37.5	34.3	38.5
KARL 92	86.6	78.5	82.6	36.0	65.9	44.7	48.9
TAM W-101	84.9	72.7	78.8	44.5	49.5	41.3	45.1
TAM-202	83.9	75.3	79.6	50.6	47.9	45.7	48.1
Longhorn	82.4	73.0	77.7	36.4	42.2	38.1	38.9
TAM-107	78.8	80.9	79.9	63.7	52.9	42.0	52.9
LSD.05	9.0	7.5		12.3	15.3	9.4	

Table 3. Reaction to leaf rust of TX91V4511 and selected hard red winter wheat cultivars.

Year/Location	Cultivar						
	TX91V4511	TAM-107	TAM-200	LONGHORN	TAM W-101	WINTEX	TAM-109
1991:							
Chillicothe	0	70S	60MS		50S		
1992:							
Chillicothe	0;	99S	95S		99S		
Uvalde	5R	50S	60S		50S		
Lockett	0;	90S	60S		80S		
1993:							
Chillicothe[1/]	0;		80S	20MS	90S	40MS	80S
Lockett[1/]	0;		70S	40MS	60S	5MR	70S
Chillicothe[2/]	5R	90S	60S		60S		
Lockett[2/]	0;	80S	30S		50S		
Dallas[2/]	1MS	100S	100S		100S		
McGregor[2/]	0;	80S	50S-MS		40S		
1994:							
McGregor	0		60S	20R		TS	5S
Lockett	0;		60S	0;		10MS	5MS
1995:							
Chillicothe	0;	100S	95S	20MS	70S		60S
Lockett	0;	90S	60S	5MR	40S		60S
Uvalde	0;	30S	50S	10MS	30S		20S

[1/]Awnless Wheat Yield Trial
[2/]Uniform Advanced 1 Wheat Yield Trial

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* spp.)

All measurements taken from greenhouse samples.

NAME OF APPLICANT(S)	FOR OFFICIAL USE ONLY
Texas Agricultural Experiment Station	PVPO NUMBER 9800346
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)	VARIETY NAME
11708 Highway 70 South P. O. Box 1658 Vernon, TX 76385	TEMPORARY OR EXPERIMENTAL DESIGNATION

USE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. A zero in the first box (e.g. ☐☐☐ or ☐☐) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color card may be used to determine plant colors; designate system used: _____.
To answer all questions for your variety; lack of response may delay progress of your application.

KIND:

[1] 1=Common 2=Durum 3=Club 4=Other (SPECIFY) _____

VERNALIZATION:

[2] 1=Spring 2=Winter 3=Other (SPECIFY) _____

COLEOPTILE ANTHOCYANIN:

[2] 1=Absent 2=Present

JUVENILE PLANT GROWTH:

[2] 1=Prostrate 2=Semi-erect 3=Erect

PLANT COLOR (boot stage):

[2] 1 = Yellow-Green 2 = Green 3 = Blue-Green

FLAG LEAF (boot stage):

[ ] 1 = Erect 2 = Recurved [ ] 1 = Not Twisted 2 = Twisted

EAR EMERGENCE:

[ ][ ] Number of Days Earlier Than _____ *

[0][5] Number of Days Later Than TAM-107 *

AWN COLOR:

[1] 1 = YELLOW 2 = PURPLE

PLANT HEIGHT (from soil to top of head, excluding awns):

[0][8] cm Taller Than TAM-200 *

[ ][ ] cm Shorter Than _____ *

* Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

[2] 1=Absent 2=Presen

B. WAXY BLOOM 9800346
[1] 1=Absent 2=Present

C. HAIRINESS (last internode of rachis)
[1] 1=Absent 2=Present

D. INTERNODE (SPECIFY NUMBER) 5
[1] 1=Hollow 2=Semi-solid 3=Solid

E. PEDUNCLE
[2] 1=Absent 2=Present

[ ] cm Length
38.4 cm

HEAD (at Maturity):

A. DENSITY
[2] 1=Lax 2=Midderse 3= Dense

B. SHAPE
[1] 1 = Tapering 2= Strap 3 = Clavate 4 = Other (SPECIFY) _____

C. CURVATURE
[2] 1 = Erect 2 = Inclined 3 = Recurved

D. AWNEDNESS
[2] 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

---

GLUMES (at Maturity):

A. COLOR
[2] 1 = White 2 = Tan 3 = Other (SPECIFY) _____

B. SHOULDER
[3] 1 = Wanting 2 = Oblique 3 = Rounded 4 = Square 5 = Elevated 6 = Apiculate

C. BEAK
[2] 1 = Obtuse 2 = Acute 3 =Acuminate

D. LENGTH
[3] 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)

E. WIDTH
[2] 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

SEED:

A. SHAPE
[3] 1 = Ovate 2 = Oval 3 = Elliptical

B. CHEEK
[1] 1=Rounded 2=Angular

C. BRUSH
[1] 1=Short 2=Medium 3=Long

[1] 1 = Not Collared 2 = Collared

D. CREASE
[1] 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

[3] 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

---

[3] 1 = White 2 = Amber 3 = Red 4 = Other (SPECIFY) _____

9800346

F. TEXTURE
[1] 1=Hard 2=Soft

G. PHENOL REACTION *(see instructions)*:
[ ] 1 = Ivory 2 = Fawn 3 = Light Brown 4 = Dark Brown 5 = Black

DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)
PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

Stem Rust *(Puccinia graminis* f. sp. *tritici)*
[1] _____

Stripe Rust *(Puccinia striiformis)*
[0] _____

Tan Spot *(Pyrenophora tritici-repentis)*
[0] _____

Hale Spot *(Selenophoma donacis)*
[0] _____

Septoria nodorum (Glume Blotch)
[1] _____

Septoria avenae (Speckled Leaf Disease)
[0] _____

Septoria tritici (Speckled Leaf Blotch)
[1] _____

Scab *(Fusarium* spp.)
[0] _____

"Black Point" (Kernel Smudge)
[0] _____

Barley Yellow Dwarf Virus (BYDV)
[1] _____

Soilborne Mosaic Virus (SBMV)
[0] _____

Wheat Yellow (Spindle Streak) Mosaic Virus
[0] _____

Wheat Streak Mosaic Virus (WSMV)
[0] _____

Other (SPECIFY) _____
[ ] _____

Other (SPECIFY) _____
[ ] _____

Other (SPECIFY) _____
[ ] _____

Leaf Rust *(Puccinia recondita* f. sp. *tritici)*
[2] _____

Loose Smut *(Ustilago tritici)*
[0] _____

Flag Smut *(Urocystis agropyri)*
[0] _____

Common Bunt *(Tilletia tritici* or *T. laevis)*
[0] _____

Dwarf Bunt *(Tilletia controversa)*
[0] _____

Karnal Bunt *(Tilletia indica)*
[0] _____

Powdery Mildew *(Erysiphe graminis* f. sp. *tritici)*
[1] _____

"Snow Molds"
[0] _____

Common Root Rot *(Fusarium, Cochliobolus* and *Bipolaris* spp.)
[0] _____

Rhizoctonia Root Rot *(Rhizoctonia solani)*
[0] _____

Black Chaff *(Xanthomonas campestris* pv. *translucens)*
[0] _____

Bacterial Leaf Blight *(Pseudomonas syringae* pv. *syringae)*
[0] _____

Other (SPECIFY) _____
[ ] _____

Other (SPECIFY) _____
[ ] _____

Other (SPECIFY) _____
[ ] _____

Other (SPECIFY) _____
[ ] _____

PLEASE SPECIFY BIOTYPE (where needed)

9800346

Hessian Fly *(Mayetiola destructor)* [0]	**Other (SPECIFY)** [ ]
Stem Sawfly *(Cephus spp.)* [0]	**Other (SPECIFY)** [ ]
Cereal Leaf Beetle *(Oulema melanopa)* [0]	**Other (SPECIFY)** [ ]
Russian Aphid *(Diuraphis noxia)* [1]	**Other (SPECIFY)** [ ]
Greenbug *(Schizaphis graminum)* [1]	**Other (SPECIFY)** [ ]
Aphids [ ]	**Other (SPECIFY)** [ ]

ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

Exhibit D. Additional Description of Variety

Lockett is an awnletted semidwarf hard red winter wheat with bronze chaff. It is susceptible to stem rust, septoria diseases and barley yellow dwarf virus but is resistant to current field races of leaf rust. No variants were observed in Lockett through it increase to breeder seed. However, after the cultivar was increased by the Texas Foundation Seed Service, white chaffed, awnless rogues were observed with an approximate frequency of 1:2000.

Table 8. Results of mixograph analysis of selected varieties and advanced lines in the 1994 Awnless Wheat Yield Trial.

	Cultivar						
	TX91V4511	TAM-109	WINTEX	WM135[1/]	LONGHORN	TAM-202	2180
Flour Protein (%)[2/]	11.8	12.0	13.7	13.4	13.2	13.2	14.9
Water Absorption (%)	62.1	62.3	64.1	63.8	63.6	63.6	65.3
Mixing Time (Min:Sec)	5:00	4:30	5:15	5:15	5:30	5:15	4:30
Quality Rating[3/]	Good	Good	Good	Good	Good	Good	Fair-Good

1/Weathermaster 135
2/14% moisture basis
3/Subjective rating of mixogram

Table 9. Baking analysis of TX91V4511 and selected checks from the 1994 Awnless Wheat Yield Trial.

	Cultivar		
	TX91V4511	TAM-200	TAM-202
Flour Protein (%)	11.6	11.8	12.4
Mixograph:			
Water Absorption (%)	61.7	62.0	62.5
Mixing Time (Min:Sec)	6:00	4:45	5:45
Quality	Good	Good	Good
Dough:			
Water Absorption (%)	61.7	62.0	62.5
Mixing Time (Min:Sec)	6:30	6:15	8:00
Proof Height (cm)	8.4	8.5	8.3
Bread:			
Loaf Height (cm)	11.1	11.5	11.6
Volume (cc)	1000	>1000	>1000
Crumb Texture	Fair-Good	Good	Good-Fair

[1/]Weathermaster 135

REPRODUCE LOCALLY. *Include form number and edition date on all reproductions.* FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

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1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Texas Agricultural Experiment Station	TX91V4511	Lockett

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	5. TELEPHONE *(include area code)*	6. FAX *(include area code)*
Room 110 Administration Building College Station, TX 77843-2147	409/847-8682	409/845-1402

7. PVPO NUMBER: 9800346

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* **If no, please explain.** [X] YES [ ] NO

9. Is the applicant (individual or company) a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country

10. Is the applicant the original owner? [X] YES [ ] NO ***If no, please answer one of the following:***

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?

[ ] YES [ ] NO **If no, give name of country**

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?

[ ] YES [ ] NO **If no, give name of country**

11. Additional explanation on ownership *(if needed, use reverse for extra space)*:

TAES policy and handbook manual provide that all germplasm and varieties developed by its employees in the course of their duties are owned by TAES. A copy of this policy is provided for your records.

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

STD-470-E (07-97) *(Destroy previous editions).*
Electronic version designed using WordPerfect InForms by USDA-AMS-IMB.

Royalty Distribution
Breeder' Share:

70% W.D. Worrall
5% S.P. Caldwell
5% M.D. Lazar
5% D.S. Marshall
5% M.E. McDaniel
5% L.R. Nelson
5% L.W. Rooney